

**Amendments to the Specification**

Please amend the Specification as follows:

Page 24, line 20 through page 25, line 7

The photomultiplier tubes in all the embodiments described above are constructed without a flange-like protrusion. As a result, it is difficult to join the stem plate 4 and side tube 2 using the resistance welding method that is employed in the conventional method. However, the junction can be joined through laser welding. As a result, the present invention can reduce the dimensions of the photomultiplier tube, thereby eliminating as much dead space as possible when a plurality of photomultiplier tubes are arranged together, enabling the side ~~tub~~sub~~stubes~~ 2 to be disposed near one another. Hence, the use of laser welding to join the stem plate 4 and side tube 2 can reduce the size of the photomultiplier tube and enable more densely packed arrays.